

IN THE CLAIMS:

Claim 1 (previously presented): A personal digital assistant (PDA) enabled telephony system comprising:

call control means for implementing telephony functions, wherein said call control means comprises one of either a PBX or a call server;

a telephone set connected to said call control means and having a communication port;
and

a PDA having a user interface for displaying telephony functions to a user, a detector for detecting a selected telephony function, a telephony application for determining a call command based on said selected telephony function, and a communicator for communicating said call command to said communication port;

wherein said telephone set receives said call command and, in response, passes said selected call command to said call control means for implementing said selected telephony function.

Claim 2 (original): The PDA enabled telephony system of claim 1 wherein communication between said telephone set and said PDA is achieved via a protocol implemented via software within each of said telephone set and said PDA.

Claim 3 (original): The PDA enabled telephony system of claim 2, wherein said protocol as implemented within said PDA comprises a physical layer for exchanging said call command between said PDA and said telephone set, an application specific interface for formatting said call command for use by said PDA, and a first information encapsulation layer for appending source/destination headers to said call command received from said application specific interface and transmitting same over said physical layer to said telephone set.

Claim 4 (original): The PDA enabled telephony system of claim 3, wherein said protocol as implemented within said telephone set comprises said physical layer, a network portal control interface for detecting whether said call command is capable of processing directly within said telephone set and otherwise re-transmits said call command, and a second information encapsulation layer for appending source/destination headers to said call command received from said network portal control interface and transmitting same over said physical layer.

Claim 5 (original): The PDA enabled telephony system of claim 1 wherein said telephone set includes communication means for enabling communication between said PDA and a call server.

Claim 6 (previously presented): The PDA enabled telephony system of claim 5 wherein said communication between said PDA and said call server is via one of either a TDM or IP based communication network.

Claim 7 (original): The PDA enabled telephony system of claim 1 wherein said telephone set includes communication means for enabling communication between said PDA and a network node.

Claim 8 (previously presented): The PDA enabled telephony system according to claim 3, wherein said physical layer comprises at least one of a wired interface or wireless interface.

Claim 9 (original): The PDA enabled telephony system according to claim 8, wherein said wired interface comprises at least one of a serial interface, parallel interface, USB interface, tip and ring interface.

Claim 10 (original): The PDA enabled telephony system according to claim 8, wherein said wireless interface comprises at least one of an infrared/IrDA interface, radio interface, and cellular interface.

Claim 11-12 (cancelled)

Claim 13 (previously presented): The PDA enabled telephony system according to claim 4, wherein said physical layer comprises at least one of a wired interface or wireless interface.